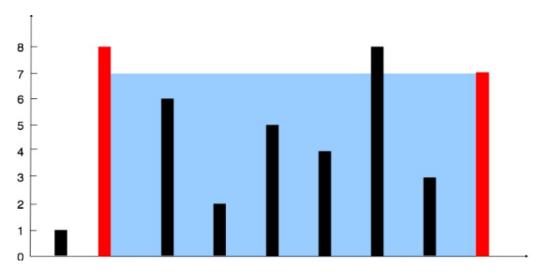
Challenge 1:

Walls of tears

Imagine you are an unemployed engineer who needs to build the wall. The distance between each wall is 1 unit, unfortunately due to your lack knowledge you cannot build the height equally.

After you built the wall, they asked you if it rained how much the maximum water that the wall can store. [choose only 2 wall and look for area between]



You can see that the maximum area of water is 7*7 between wall 2 and wall 9.

Ref: https://leetcode.com/problems/container-with-most-water/

Input	Output	
9 //array size	49	
186254837//height of the wall		
2	1	
11		
10	32	
1985235124	32	

Challenge 2:

The torment matrix

You will input the size of matrix then you need to scale the data in matrix between 0 and 1 then sort it ascending order [the upper should lower than the lower, the left data should less than the right]

Ref. https://www.borntodev.com/devlab/task/225

	Input			Output	
2 6 //size			0.0000	0.1254	
-4605.16 -494.21 9198.68 -7206.89	4768.87 6548.12 -5335.41 -9559.76		0.2252 0.4706 0.5658 0.0722	0.2641 0.4833 0.6285 0.7638	
-731.66 -8204.81	2229.36 1053.96		0.8587	1.0000	
3 3 3604.51 -2502.26 4404.94	436.83 7696.38 -6315.65	-7432.11 -3048.74 3525.76	0.0000 0.3259 0.7295	0.0738 0.5201 0.7824	0.2897 0.7243 1.0000
2 2 1 50 75 100.1			0.0000 0.7467	0.4945 1.0000	

Challenge 3:

If it Easy it not Roman

Create a program to convert integer to roman number

I	1		
V	5	V	5,000
X	10	X	10,000
L	50	ī	50,000
С	100	C	100,000
D	500	D	500,000
M	1,000	M	1,000,000

Ref. https://stackoverflow.com/

roman character cannot be stack up to 4.

Ex number 4 roman is IV instead of IIII, 900 is DM instead of DCCCC.

*The input data in this Question will include only 1 to 3999 inclusively.

Input	Output		
123	CXXIII		
3333	MMMCCCXXXIII		
3999	MMMCMXCIX		
1	I		
69	LXIX		
555	DLV		
984	CMLXXXIV		
8	VIII		